

B O M L I S T

PRO. Name		ADSL 모델			Change History List				DRWN	CHKD	APRD	Sheet
DOC. Name		Neobit 1012VA II(Annex-A)										1 / 7
DOC. NO.		NET-U0028-SC007										
Rev Data		2003-05-17	Rev. Code	0.1								
순번	Component Name		Item Code		SHOP	Design Name		Unit	Q'ty	Maker	NOTE	
1	Chip Capacitor		20pF,5%,50V,NPO,0603		SMD	C43,44		EA	2	AVX/Panasonic		
2	Chip Capacitor		27pF,5%,50V,NPO,0603		SMD	C88,89		EA	2	AVX/Panasonic		
3	Chip Capacitor		680pF,5%,50V,film,0805		SMD	C12		EA	1	AVX/Panasonic		
4	Chip Capacitor		1.5nF,5%,50V,film,0805		SMD	C6		EA	1	AVX/Panasonic		
5	Chip Capacitor		0.01uF,5%,50V,film,0805		SMD	C107,108		EA	2	AVX/Panasonic		
6	Chip Capacitor		0.01uF,10%,50V,NPO,0603		SMD	C48,50,70,86,83,81,67,66,47,49,71,87,84,82,65,68,62,45,63,64,80,61,60		EA	23	AVX/Panasonic		
7	Chip Capacitor		0.027uF,5%,50V,film,1210		SMD	C7,8		EA	2	AVX/Panasonic		
8	Chip Capacitor		0.082uF,5%,50V,film,1210		SMD	C11,17		EA	2	AVX/Panasonic		
9	Chip Capacitor		0.1uF,10%,50V,NPO,0603		SMD	C110,18,25,22,21,26,27,28,76,59,58,55,78,79,41,42,91,90,74,73,75,57,56,100,101,104,106,102,34,36,93,111,35,112,127		EA	35	AVX/Panasonic		
10	Chip Capacitor		0.22uF,5%,50V,NPO,0603		SMD	C85		EA	1	AVX/Panasonic		
11	Chip Capacitor		1uF,5%,50V,NPO,0603		SMD	C113,109,20,19,23,24		EA	6	AVX/Panasonic		
12	Chip Capacitor		10uF,5%,50V,NPO,1210		SMD	C16		EA	1	AVX/Panasonic		
13	Chip Capacitor		22uF,5%,50V,NPO,1210		SMD	C15		EA	1	AVX/Panasonic		
14	Chip Capacitor		DNE		SMD	C94,69,40,53,37,38,39,31,32		EA	9		Option	
15	CERAMIC CAP		150pF, 1.5KV, 20%		DIP	C54,72		EA	2			
16	CERAMIC CAP		DNE		DIP	C1,2,3,13		EA	4		Option	
17	CERAMIC CAP		10nF, 2KV, 20%		DIP	C30,129,131		EA	3	-		
18	전해 CAPACITOR		10uF , 25V, 20%, DIP		DIP	C33,46,52,103,105		EA	5	-	C	
19	전해 CAPACITOR		22uF , 25V, 20%, DIP		DIP	C77		EA	1		C	
20	전해 CAPACITOR		47uF , 25V, 20%, DIP		DIP	C29,92,96,51		EA	4		C	
21	전해 CAPACITOR		470uF, 16V, 20%		DIP	C95,128		EA	2	-	C	
22	전해 CAPACITOR		1000uF, 16V, 20%		DIP	C99		EA	1	-	C	

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DOC. Name		Neobit 1012VA II(Annex-A)									2/7
DOC. NO.		NET-U0028-SC007									
Rev Data		2003-05-17	Rev. Code	0.1							
순번	Component Name		Item Code		SHOP	Design Name		Unit	Q'ty	Maker	NOTE
23	POLYESTER CAPACITOR		333J, BMM, 400VDC,0.033uF, 5%		DIP	C5,14		EA	2	명성전자	C
24	POLYESTER CAPACITOR		393J, BMM, 400VDC,0.039uF, 5%		DIP	C4		EA	1	명성전자	
25	VIRISTOR		SVR471D07R		DIP	RV1,2		EA	2		
26	GAS Tube		SL1002A350SM		SMD	D1		EA	1	ACM	
27	JUMPER RESISTOR		0Ω, 1206		SMD	R57		EA	1		C
28	JUMPER RESISTOR		DNE (1206)		SMD	R1,2,96,97,125,127		EA	6		Option
29	Chip Resister		0RF-T, 0R, 1%, 0805		SMD	R91,92,15,93		EA	4		
30	Chip Resister		CR21-0RF-T, 0R, 1%, 1/16W, 0603		SMD	R54,32,59,73,33,35,41,94,56,95,30		EA	11		
31	Chip Resister		5R6F-T, 5.6R, 1%, 0805		SMD	R8,9,10,11		EA	4		
32	Chip Resister		34R8F-T, 34.8R, 1%, 0805		SMD	R13,14		EA	2		
33	Chip Resister		49R9F-T, 49.9R,1%, 0805		SMD	R17,21,5,6,		EA	4		
34	Chip Resister		CR21-49R9F-T, 49.9R,1%, 1/16W, 0603		SMD	R29,72,53,78		EA	4		
35	Chip Resister		CR21-50R0F-T, 50R, 1%, 1/16W, 0603		SMD	R46,47,48,63,61,60,42,43,44,45		EA	10		
36	Chip Resister		CR21-75R0F-T, 75R, 1%, 1/16W, 0603		SMD	R37,38,36,34		EA	4		
37	Chip Resister		CR21-1000F-T, 100R, 1%, 1/16W, 0603		SMD	R86		EA	1		
38	Chip Resister		CR21-1070F-T, 107R, 1%, 1/16W, 0603		SMD	R85		EA	1		
39	Chip Resister		CR21-2430F-T, 243R, 1%, 1/16W, 0603		SMD	R84		EA	1		
40	Chip Resister		CR21-3320J-T, 332R, 1%, 1/16W, 0603		SMD	R18,40,22,31		EA	4		
41	Chip Resister		4020F-T, 402R, 1%, 0805		SMD	R12		EA	1		
42	Chip Resister		CR21-1501F-T, 1.5KR, 1%, 1/16W, 0603		SMD	R64		EA	1		
43	Chip Resister		CR21-3321F-T, 3.32KR,1%, 1/16W, 0603		SMD	R55		EA	1		
44											
45	Chip Resister		CR21-5101F-T, 5.1KR, 1%, 1/16W, 0603		SMD	R124		EA	1		
46											

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DOC. Name		Neobit 1012VA II(Annex-A)										3/7
DOC. NO.		NET-U0028-SC007										
Rev Data		2003-05-17	Rev. Code	0.1								
순번	Component Name	Item Code		SHOP	Design Name	Unit	Q'ty	Maker	NOTE			
47	Chip Resister	CR21-1002F-T, 10KR, 1%, 1/16W, 0603		SMD	R75,82,88,89,90,69,81,68,28,52,65,66,67,100,87,49,50,51	EA	18					
48	Chip Resister	CR21-2432F-T, 24.3KR,1%, 1/16W, 0603		SMD	R58	EA	1					
49	Chip Resister	CR21-3322F-T, 33.2KR, 1%, 1/16W, 0603		SMD	R70	EA	1					
50	Chip Resister	CR21-1003F-T, 100KR, 1%, 1/16W, 0603		SMD	R39	EA	1					
51	Chip Resister	CR21-1503F-T, 150KR, 1%, 1/16W, 0603		SMD	R99	EA	1					
52	Chip Resister	CR21-1005F-T, 1MR, 1%, 1/16W, 0603		SMD	R74	EA	1					
53	Chip Resister	DNE		SMD	R77,3,20,4,7,16,23,24,25,26,27,123,76	EA	13		Option			
54												
55	Array Resister	CN34JT151, 8P4R, 150R, 5%, 1206		SMD	RA5,11	EA	2		C			
56									C			
57	Array Resister	CN34JT1002, 8P4R, 10KR, 5%, 1206		SMD	RA3,4	EA	2					
58	MULTY LAYER CHIP BEAD	EBM2012A151		SMD	BD3,4,L3,4,5	EA	5					
59	MULTY LAYER CHIP BEAD	100ohm/100Mhz		SMD	BD5	EA	1					
60	MULTY LAYER CHIP BEAD	DNE		SMD	BD8,9	EA	2					
61	INDUCTOR	SLF7032T-220MR96-2, 22uH, 20%, 960mA		SMD	L7,8	EA	2	TDK	B			
		DSC-5327R-220M, 22uH						DSC/FOURCOM				
62	INDUCTOR	SD5845-103, 10uH		SMD	L6,10	EA	2	FOURCOM				
		DSC-5845U-100M, 10uH						DSC				
63	Transfomer (EMI Filter)	2744045447 D/W SMD F/B 4.7mH-2Mhz		SMD	U238	EA	1					
64	Transfomer (H/P Filter)	C10113 EP13-SMD4:2:1 700uH / HP-1317		SMD	U1	EA	1	SUMIDA/HYPHI	Hyphi:02)3664-6920~1 정의석차장:019)891-6089			
65	Transfomer (L/P Filter)	FC13031A		SMD	T1,T2	EA	2	FOURCOM	A			
66	POLY SWITCH	PR-MS-110-T		SMD	PS1,3	EA	2	SERATECH	A			
67	DUAL DIODE	MMBD7000LT1 SOT-23		SMD	D3,4,6,7	EA	4	Motorola				

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DOC. Name		Neobit 1012VA II(Annex-A)										4/7
DOC. NO.		NET-U0028-SC007										
Rev Data		2003-05-17	Rev. Code	0.1								
순번	Component Name		Item Code		SHOP	Design Name		Unit	Q'ty	Maker	NOTE	
68	Rectifier DIODE		1N4001		DIP	D10		EA	1			
69	TVS Diode		DNE		SMD	U3		EA	1		Option	
70	Schottky Rectifier		MBRS140		SMD	D9		EA	1			
71	Regulator (3.3V)	SC, EZ1117A-3.3V, SOT-223		SMD	U14		EA	1	SEMTECH	타제품의경우 시험필요		
		L1117-3.3V, sot-223							NIKO			
72	Regulator (1.8V)	SC, EZ1117A,-ADJ SOT-223		SMD	U10		EA	1	SEMTECH/NIKO	타제품의경우 시험필요		
73	MOS FET	IRLML6401		SMD	Q1		EA	1				
74	TRANSISTOR	MMBT3904		SMD	Q2		EA	1				
75	LED	GREEN		SMD	LED1,3,5,6		EA	4				
76	LED	DNE		SMD	LED4		EA	1		Option		
77	CRYSTAL	HC-49/S, 17.28Mhz, 30ppm		DIP	X2		EA	1	신우전자	B(031-705-8321)		
		ATU-49U, 17.28Mhz, 25ppm							-			
78	CRYSTAL	25Mhz, 25ppm,		DIP	X1		EA	1	신우전자	B(031-705-8321)		
79	IC (DSP)	GS8120-174-008D		SMD	U8		EA	1	GSV	Chip에 A4 Marking된 것.		
80	IC (AFE)	GS3780-174-001Z		SMD	U2		EA	1	GSV			
81	Ether Magnetic 350uH	HS2213		SMD	U236		EA	1	MACONICS			
		LF8505							DELTA			
82	IC (RS 232 Dual)	ST232C		SMD	U9		EA	1	ST			
83	IC (SDRAM)	MT48LC4M16A2TG-75, TSOP-54		SMD	U7		EA	1	MICRON			
		K4S641632D-TC80							SAMSUNG/ V-DATA			
84	IC (Ether Net)	RTL8201BL		SMD	U6		EA	1	REALTEK			
85	IC (Serial FLASH)	AT45DB161B-TC, TSOP-143		SMD	U12		EA	1	ATMEL			
		AT45DB161-TC, TSOP-143										
86	IC (Reset)	LM809M3-2.93CT, SOT-23		SMD	U4		EA	1	National			

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DOC. Name		Neobit 1012VA II(Annex-A)										5/7
DOC. NO.		NET-U0028-SC007										
Rev Data		2003-05-17	Rev. Code	0.1								
순번	Component Name		Item Code		SHOP	Design Name		Unit	Q'ty	Maker	NOTE	
87	IC (4P Power Monitor)		DNE		SMD	U237		EA	1	MAXIM	Option	
88	HEAD PIN		7PIN		DIP	JP4		EA	1			
89	HEAD PIN		DNE		DIP	JP3		EA	1			
90	PC Terminal(Tact S/W)		CB-S15FTP2, 6.2mm Keypad S/w		DIP	SW3		EA	1	Nikkai	A	
91	Toggle Switch		A-12KH, Locker S/W		DIP	SW1		EA	1	Nikkai	A	
92	DC POWER JACK		DS-210		DIP	J3		EA	1		A	
93	JACK (RJ11, DUAL)		4 POSITION RJ11, 623GA-44		DIP	J1		EA	1		C	
94	MODULAR JACK(RJ-45)		657PU-8-SD, Half Sheild		DIP	JP5		EA	1		C	
95	USB CONNECTOR		DNE		DIP	J2		EA	1	AMP	Option	
96	접지단자		DK 10mm x 5		DIP	U11		EA	1	대건전자	02)2273-5884	
97	PCB		NET-U0028-L04-T1.6-V0.1					EA	1			
98	Chip Resister		CR21-2001F-T, 2KR, 1%, 1/16W, 0603		SMD	R62		EA	1			
99	Chip Resister		DNE		SMD	R98		EA	1			
100	MULTY LAYER CHIP BEAD		BLM21PG600		SMD	BD1,6		EA	2			
101	INDUCTOR		DNE		SMD	L9		EA	1			
102	MOS FET		DNE		SMD	Q3		EA	1		Option	
103	Modular Jack		616PCB (4:4)		DIP	J4		EA	1			

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PRO. Name		ADSL 모뎀			Change History List				DRWN	CHKD	APRD	Sheet
DOC. Name		Neobit 1012VA II(Annex-A)										6/7
DOC. NO.		NET-U0028-SC007										
Rev Data		2003-05-17	Rev. Code	0.1								
순번	Component Name		Item Code		SHOP	Design Name	Unit	Q'ty	Maker	NOTE		
포장 관련												
201	HOUSING-MODEM		BOTTOM, TOP			HOUSING-MODEM	SET	1				
202												
203	SCREW		SCREW 3×10, 백색				EA	2				
204	TEL LINE CORD		RJ11 to WALL Con, 1.2m, 흑색				EA	1				
205	ADSL LINE CORD		RJ11 to RJ11, 1.2m, 흑색				EA	1				
206	RJ-45 CABLE		84RC-20M-P2,1.2m, RJ-45 CABLE				EA	1	아린전자			
207												
208	BUMPON		1.6T x 8				EA	2				
209	실리카겔		5g				EA	1				
210	발포 비닐		280 x 180				EA	1				
211	ADAPTER		SR637A, DC5V 1.2A				EA	1	선린 전자			
212	매뉴얼		사용자 매뉴얼				권	1				
213	INNER BOX		220 x 220 x 55				EA	1				
214	OUT BOX		595 x 455 x 245				EA	20:1				
215	Label (MIC 표시용)		38 x 28				EA	1				
216	Label (MAC/S.N 표시용)		30 x 10				EA	3				
217	Label (OUT Box 표시용)		50 x 15				EA	2				
218	폴리프로필렌 접착 테이프		50m/m x m				m	2.4				
219	RS-232 Cable		9Pin RS232 Con to RJ11 1.2m			구매자 요구 적용	EA					

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DOC. Name		Neobit 1012VA II(Annex-A)										7/7
DOC. NO.		NET-U0028-SC007										
Rev Data		2003-05-17	Rev. Code	0.1								
순번	Component Name		Item Code		SHOP	Design Name		Unit	Q'ty	Maker	NOTE	
USB 관련(Optional)												
301	TVS Diode		SR05		SMD	U3		EA	1			
302	Chip Capacitor		33pF,5%,50V,NPO,0603		SMD	C31,32		EA	2			
303	Chip Resister		CR21-1501J-T, 1.5KR, 5%, 1/16W, 0603		SMD	R27		EA	1			
304	Chip Resister		CR21-24R3J-T, 24.3R, 5%, 1/16W, 0603		SMD	R25,26		EA	2			
305												
306	Chip Resister		CR21-0RJ-T, 0R, 5%, 1/16W, 0603		SMD	R24,19		EA	2			
307	Chip Resister		CR21-3320J-T, 332R, 5%, 1/16W, 0603		SMD	R76		EA	1			
308	LED		GREEN		SMD	LED4		EA	1			
309	USB CONNECTOR		787780-1 RECPT_USB-4		DIP	J2		EA	1	AMP		
310	USB Interface Cable							EA	1			
311	CD		Install Driver					EA	1			
312	사용자 설명서							권	1			

Gasp 관련(Optional)										
313	MOS FET	FDG315N	SMD	Q3	EA	1				
314	Chip Resister	2502F-T, 25KR, 1%, 1/16W, 0603	SMD	R123	EA	1				
315	IC(4P Power Monitor)	MAX836	SMD	U237	EA	1	MAXIM			
316	Chip Resister	4753F-T, 475KR, 1%, 1/16W, 0603	SMD	R98	EA	1				

DEBUG시 사용										
317	HEAD PIN	4Pin	Dip	JP3	EA	1		Option		